

28293-271

12/7/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460 0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 7, 2012

Ms Rebecca M Horton
Agent for Phaeton Corporation
c/o Registration by Design, Inc
P O Box 1019
Salem, VA 24153

Subject Amended Reregistration Label
Product Name Unicorn 2 5% Permethrin Concentrate/Repellent
EPA Registration Number 28293-271
EPA Decision Number 413438

Dear Ms Horton

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the **Permethrin** REDs and has concluded that your submission is acceptable

NOTE This product is **not** being reregistered under sections 3(c) 5 and 4(g) of FIFRA at this time

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below Any previously dated CSFs are superseded

- Basic CSF, dated 7/20/10
- Alternate CSF #1 and #2 , dated 7/20/10
- Alternate CSF #3, dated 1/24/12

Please note that, should you wish to add/retain a reference to the company's website on your label, the website becomes labeling under FIFRA and is subject to review by the Agency If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under section 12(a)(1)(E) of FIFRA 40 CFR §156.10(a)(5) lists examples of statements EPA may consider false or misleading In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not be substantially differ from those claims approved through the registration process Therefore, should the Agency find, or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance (OECA) As an alternative, you may refer consumers to the company's phone number or e-mail address

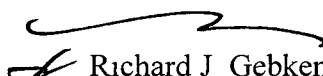
Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable

containers The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e).

If you have any questions about this letter, please contact either Dani Daniel at (703) 305 5409 or via e-mail at Daniel.Dani@epa.gov

Sincerely yours,


Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7505P)

Enclosures Label stamped "Accepted," dated 12/7/12
Product Chemistry Review, dated 2/24/12
Acute Toxicity Review, dated 2/10/12

Unicorn 2.5% Permethrin Concentrate /Repellent

For Use Around Residential [Home] Areas Only
(editors note [] brackets indicate alternate/optional text)

Optional Marketing Statements

Up to 4 Week Control

Kills [Controls] Mosquitoes, Fleas, Ticks and Ants

Water Based

[Also] Kills Japanese Beetles, [Mosquitoes], [Fire Ants] and many other insects

Kills and Repels

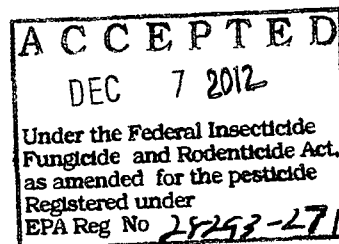
Kills Wood Infesting Insects

Kills [Deer] Ticks that [which] may carry Lyme Disease

Kills Carpenter Bees & Beetles

[Also] Stops[s] Bugs in Your [Also use on]

- Lawns
- Trees & Shrubs
- Roses & Flowers
- Fruits & Nuts
- Vegetables
- Gardens



Kills Termites, Carpenter Ants, Carpenter Bees Powderpost Beetles and other listed insects

Treat outside surfaces of buildings, porches, wooden decks, patios fences, foundations, wood piles and tree stumps *(editors note for final printed labels with wood infesting insects directions)*

Spray Around Yard Perimeter

32 oz Treats Up to 5,000 Square Feet

Hose End Use – Always Shake Well Before Using

Kills 60+ Insects

Contains Permethrin, a long lasting Insecticide which provides contact and residual control for up to 4 weeks of many hard-to-kill sucking and chewing insects

PRODUCT USAGE [FACTS] [QUICK FACTS]

KILLS [Ants,] Aphids, Beetles, [Chinch Bugs, Crickets, Japanese Beetles,] [Cutworms,] [Earwigs,] [Fleas,] [Japanese Beetle Grubs,] Mealybugs, [Mites,] [Mole Crickets,] [Mosquitoes,] [Sod Webworms,] Spider Mites, [Tent Caterpillars,] [Ticks,] Whiteflies and many other[s] [garden [nuisance] pests] [more insects] as listed

Also kills wood-infesting insects including termites and Carpenter Ants *(editors note for final printed labels with wood infesting insects directions)*

USE ON [WHERE TO USE] Fruits [Fruit Trees], Vegetables Roses, Flowers, Lawns, Trees, and Shrubs, [Flowers] [and as a residual spray to outside surfaces of buildings, foundations, porches, patios, window frames, and other areas where pests congregate] [Outdoors around the home]

AMOUNT TO USE See detailed instruction inside label [Roses, Flowers, Trees, Shrubs, Fruits, Vegetables 1-3 fl oz per gallon of water] [Lawns 2-6 fl oz per 1,000 sq ft] [Nuisance pests 6 2/3 oz per 400 linear ft by 6 inch spray band] [See directions for specific application rates]

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PRODUCT FACTS [QUICK FACTS]

KILLS • Lawn Pests Chinch bugs, Cutworms, Mole Crickets, Japanese Beetle Grubs & Sod Webworms

• Tree, Shrub & Flower pests Aphids, Beetles Tent caterpillars, Mealybugs, Mites, Whiteflies & other garden pests

• Nuisance Pests (outdoors) Ants, Earwigs, Fleas, Mosquitoes and other nuisance pests

WHERE TO USE • On Roses, Flowers Trees, Shrubs & Lawns

• Outdoors around the home

(Optional text below in italics can be used for final printed labels with wood infesting insects directions)

[PRODUCT USAGE [QUICK FACTS]

KILLS *Termites (including dry wood termites) Carpenter Ants Carpenter Bees Powderpost Beetles and other wood infesting pests*

USE ON *Outside surface of buildings porches wooden decks and patios wooden fences window frames doorways foundations eaves patios garages wood piles tree stumps and other areas where you may find these pests*

AMOUNT TO USE *Mix 10 fl oz with 1 gallon of water to treat 100 sq ft]*

(Optional text below in italics used when packaged in a hose-end applicator container only)

PRODUCT USAGE [QUICK FACTS]

KILLS *Ants Chinch Bugs Crickets Japanese Beetles Mosquitoes Ticks Whiteflies and many other insects as listed [other listed insects]*

USE ON *Lawns Trees Shrubs Roses Flowers and as a residual spray to outside surfaces of buildings porches patios window frames and other areas where pests congregate*

AMOUNT TO USE *No mixing required Connect to hose and spray [Ready to use Hose-End Spray]*

(Optional text below in italics used when packaged in certain 32 fl oz hose-end applicator container only)

Kills *Kills troublesome and damaging insects as listed*

Use On *Lawn and other outdoor areas where pests congregate*

Amount to Use *NO MIXING Connect to hose and spray Treats up to 5 000 sq ft*

ACTIVE INGREDIENT

Permethrin*

2.5%

OTHER INGREDIENTS

97.5%

100.0%

*Cis/trans isomer ratio Min 35% (±) cis Max 65% (±) trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back/Other Label Panel(s) for Additional Precautionary Statements & First Aid

NET CONTENTS

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also contact 1-800-222-1222 (or specific company number) for emergency medical treatment information.]	

Environmental Hazards

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Use Restrictions

Do not allow adults, children or pets to enter the treated area until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated. Do not spray animals. Do not water the treated area to the point of run-off. Do not make applications during rain. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- 1) Treatment to soil or vegetation around structures,
- 2) Applications to lawns, turf, and other vegetation,
- 3) Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only. Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Not for use in outdoor residential misting systems.

This product kills troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs. Ants, Bagworms, Aphids, Borers, Armyworms, Chinch Bugs, Inchworms, Spider mites, Green Fruitworms, Beetles, Fleas, Cicadas, Thrips, Leafhoppers, Cutworms, Sod webworms, Leafrollers, Whiteflies, Moths, Weevils.

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Also, kills Alfalfa loopers, Brown dog ticks Budworms Cabbageworms, Citrus black flies, Cluster flies, Codling moths, Corn earworms, Crickets, Earwigs, Elm spanworms, Fall cankerworms, Gnats, Grasshoppers, House flies, Japanese beetles, Leafminers, Lone star ticks, Lygus bugs, Mealybugs, Millipedes, Mole crickets, Mosquitoes, Navy orangeworms, Scales, Sowbugs (pillbugs), Spring cankerworms, Tent caterpillars, Ticks including Deer tick (which may carry Lyme disease) Tobacco budworms and many others

THREE EASY STEPS TO MIX AND APPLY

Step #1 For lawns and vegetables, measure the area to be sprayed Calculate square feet by multiplying length by width

Step #2 Use a clean sprayer Carefully measure and mix the amount of concentrate and water as directed

Step #3 Spray as directed Thorough coverage is important Flush sprayer with clean water after each use Make applications when insects first appear Repeat applications as directed See directions for complete insect list

Use dilution rates as indicated 1 fl oz = 6 tsp or 2 Tbsp, 8 fl oz = ½ pint or 1 cup Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides

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NUISANCE PESTS IN OUTDOOR AREAS

TREATMENT AREAS	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Outside surfaces Of buildings	Ants (including foraging fire ants) Chiggers, Clover mites, Crickets Earwigs Millipedes, Sowbugs (pillbugs) Mosquitoes	To help prevent infestation of buildings treat the building foundation to a height of 3 feet where pests are active and may find entrance Also apply as a residual spray to outside surfaces of building including porches screens window frames, eaves patios garages refuse dumps and other areas where these pests congregate or have been seen Repeat treatment as needed to maintain effectiveness	6 2/3 fl oz in 1 quart of water, treating 400 linear feet with a 6-inch spray band
Other outdoor areas	Ants (including foraging fire ants), Chiggers, Crickets Earwigs, Fleas Lone star ticks Ticks, including Deer tick (which may carry Lyme disease)	For treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas spray infested areas thoroughly For Ants, thoroughly wet hills and runways Repeat application as reinfestation occurs	
	Cluster flies Flying moths Gnats House Flies, Mosquitoes	For use only as an aid in reducing annoyance from these insects Spray outside surfaces of screens doors window frames or wherever these insects may enter the room Also treat surfaces around light fixtures on porches, in garages and other places where these insects alight or congregate Repeat as necessary	
	Tent caterpillars	Application should be made when caterpillars are young and tents are first noticed For best results apply in the late afternoon or evening, when caterpillars have returned to their tents Wet tents with spray on all sides A few caterpillars may be seen escaping from the tent however they should die within several hours	

WOOD-INFESTING INSECTS INCLUDING TERMITES** (OUTDOOR USE)

WOOD INFESTING INSECTS INCLUDING TERMITES For Beetles (Furniture, Deathwatch, False powderpost, Longhorned, Powderpost), Carpenter ants (and other wood-infesting ants), Carpenter bees and Termites (for localized control only) (including dry-wood termites)

Treat outside surfaces of building, porches, wooden decks and patios, wooden fences, window frames, doorways foundations, eaves, patios, garages, garage areas and other areas where you may find these pests

Mix 10 fl oz with 1 gallon of water to treat 100 sq ft Spray infested surfaces until thoroughly wet, avoiding dripping and runoff Apply evenly on wood surfaces To treat small areas, apply by brushing or spraying the diluted spray For large areas, use coarse, low-pressure spray Repeat treatment as needed to maintain effectiveness Do not spray into electrical outlets or utilities

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur, also around fence posts, wood piles (do not use on firewood) and tree stumps

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin The use of gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended Do not permit contact with treated surfaces until spray has dried Treated confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas are re-occupied

For carpenter ants, spray around doors and windows and other places where ants may enter or crawl and hide Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present

For carpenter bees, spray or inject into holes and tunnels already made by the bees with a tank sprayer, and spray areas where they are beginning to build tunnels into the wood

For termites** (including dry-wood termites) treat as for other wood-infesting insects This product will kill workers and winged reproductive forms of termites in the treated areas Re-treat as needed to maintain effectiveness For localized control only For active infestation get a professional inspection

**** USE OF THIS TYPE OF PRODUCT TO CONTROL (KILL) TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR**

HOME LAWNS

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Bent, Bermuda, Bluegrass, Dichondra Fescue, Irish Moss Merion, St Augustine	Armyworms Brown dog ticks, Chiggers Chinch bugs Cutworms, Fleas, Japanese beetle grubs, Mole crickets, Mosquitoes, Sod webworms Ticks including Deer Tick (which may carry Lyme disease)	Thoroughly wet down grass a few hours before applying Home lawns should be no taller than 3 inches at time of application Slightly more water may be used as long as the amount of product per area is as listed below For heavy infestations repeat application after 2 weeks	6 fl oz in 10 gals Of water to cover 1,000 sq ft
	Ants (including foraging fire ants) Crickets Grasshoppers		2 fl oz in 3 gallons of water to cover 1 000 sq ft
Bent, Bermuda, Bluegrass, Dichondra, Fescue Irish Moss, Merion St Augustine	Fire ants (mound treatment)	Applv 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can Thoroughly wet the mound and surrounding area to a 4 foot diameter For best results, apply in cool weather 65°-80° F or in early morning or late evening hours Treat new mounds as they appear Do not disturb the mound prior to treatment If possible treat all mounds in the vicinity and treat all colonies which may not as yet have constructed a mound Larger quantities of solution can be prepared for multiple mound treatments Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness	6 fl oz in 1 gallon of water to treat one mound

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TREES & SHRUBS

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Arizona cypress, Azalea, Birch, Cherry, Non-bearing citrus, Conifers, Elm, English ivy, Euonymus, Weeping fig, Fir, Honeysuckle, Lilac, Mock-orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Whiteflies	Apply as a thorough spray wetting leaves and branches to the dripping point. Try to penetrate dense foliage. Spray in the late afternoon or evening when the temperature ranges from 50° to 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary, use intervals of 4-8 days. Application can be made up to the day of collection.	1 fl oz in 1 gallon of water
Cherry, Honeysuckle	Fall webworms		
Conifers	Budworms		
Elm	Elm leaf beetles, Elm spanworms, Fall webworms		
Douglas and Grand firs	Tussock moths		
Non-bearing citrus	Citrus black flies		
Oak	Oakworms		
Pine	Pine beetles, Pine moths, Pine needleminers, Needle scales		

ROSES & FLOWERS

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Ageratum, Aster, Azalea, Begonia, Coleus, Common ninebark and snowberry, Exacum, Gladiolus, Gold bells, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Orchid, Pansy, Pea shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Fall webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Whiteflies	Apply as a thorough spray wetting the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage. Spray in the later afternoon or evening when the temperature ranges from 50° to 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary, use intervals of 4-8 days. Application can be made up to the day of collection.	1 fl oz in 1 gallon of water

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FRUIT & NUT TREES

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Almonds	Navel orangeworms Peach twig borers	Apply when insects appear Wet the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage Do not make more than 2 applications per season Can be applied up to 7 days prior to harvest	2 fl oz in 1 gallon water
Apples	Green fruitworms, Leafrollers (Oblique-banded, Redbanded) Plum curculio, Rosy apple aphids, Spotted tentiform leafminers Tarnished plant bugs, White apple leafhoppers	Apply when insects appear Wet the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage Repeat as required to maintain control Do not make more than 3 applications Do not apply after petal fall	
Peaches	Borers (Lesser peachtree, Peach twig), Green fruitworms, Plum curculio, Oriental fruit moths Tarnished plant bugs	Apply when insects appear Wet the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage Do not apply within 7 days of harvest Do not make more than 8 applications per season	
Pears	Pear psylla	Apply when insects appear Wet the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage Apply during the dormant through delayed dormant growth period only Do not make more than 2 applications per season	
Pears (summer)	Codling moths, Green fruitworms, Pear psylla	Apply when insects appear Wet the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage Do not make more than 3 applications per season Can be applied up to 14 days prior to harvest	

VEGETABLES

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Asparagus (pre-harvest)	Asparagus beetles Cutworms	Apply for uniform coverage as needed Do not make more than 4 applications per crop Can be applied up to 3 days prior to harvest	1½ fl oz in 1 gallon of water to cover 1000 sq ft
Asparagus (post-harvest)	Beetles (Adult Japanese, Larval stages of asparagus), Lygus bugs, Tarnished plant bugs	Treat ferns or bush growth after spear harvest when insects are present	
Celery	Armyworms, (beet, Fall Southern) Cabbage loopers Cutworms (black, granulate) Vegetable leafminers	Apply every 3-5 days or as needed Can be applied up to 3 days prior to harvest Do not make more than 10 applications per season	
Broccoli Brussels sprouts Cabbage Cauliflower	Beet armyworms, Cabbage aphides and loopers, Diamondback moths Imported cabbageworms	Apply every 5 days or as needed Can be applied up to 1 day prior to harvest Do not make more than 8 applications on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications on Cabbage	1 fl oz in 1 gallon of water to cover 1,000 sq ft
Eggplant	Colorado Potato beetles, Vegetable leafminers	Apply for uniform coverage as needed Do not exceed 16 applications Can be applied up to 3 days prior to harvest	3 fl oz in 1 gallon of water to cover 1 000 sq ft
Horseradish (foliar application)	Imported crucifer weevils	Apply as needed Do not exceed 3 foliar applications Can be applied up to 22 days prior to harvest	
Head lettuce	Corn earworms, Beet armyworms, Loopers (Alfalfa, Cabbage), Tobacco budworms	Apply every 5-10 days as needed Do not make more than 10 applications per season Can be applied up to 1 day prior to harvest	2 fl oz in 1 gallon of water to cover 1,000 sq ft
Potatoes	Beetles (Colorado potato Potato flea), Beet armyworms Cabbage loopers, Cutworms European corn borers, Leafhoppers (Aster Potato), Potato aphids, Potato psyllids, Potato tuberworms, Tarnished plant bugs	Apply as needed Do not make more than 12 applications Can be applied up to 7 days prior to harvest	1½ fl oz in 1 gallon of water to cover 1 000 sq ft
Peppers	Cabbage loopers Corn earworms European corn borers, Flea beetles, Pepper weevils, Vegetable leafminers	Apply as needed, but not more than 8 applications per season Can be applied up to 3 days prior to harvest	2 fl oz in 1 gallon of water to cover 1,000 sq ft

Spinach	Beet armyworms Cabbage loopers, Corn earworms, Cutworms, European corn borers, Green cloverworms, Leafhoppers	Apply for uniform coverage when needed but not more than 7 applications per season Can be applied up to 7 days prior to harvest	1½ fl oz in 1 gallon of water to cover 1,000 sq ft
Sweet Corn	Armyworms (Fall, Southern) Corn earworms, European corn borers	Apply every 5 days and when needed but not more than 6 applications per season Can be applied up to 1 day prior to harvest	
Tomatoes (Do not apply on Cherry Tomatoes and varieties yielding tomatoes less than one inch in diameter)	Armyworms, (Beet, Southern) Cabbage loopers, Colorado potato beetles Granulate cutworms, Hornworms, Tomato Fruitworms Tomato pinworms	Apply as needed Do not make more than 6 applications per season Can be applied up to day of harvest	1½ fl oz in 1 gallon of water to cover 1 000 sq ft

ORNAMENTAL HOUSE PLANTS

INDOORS To protect plants in home greenhouses, lathhouses, and indoor landscapes

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]	USE RATE
Ageratum, Ardisia Aster, Azalea, Baby s breath, Begonia, Birdsnest fern Bleeding heart, Carnation, Chrysanthemum, Coleus Crown of thorns, Cockscomb Cyclamen Dracaena, Dumbcane, English ivy, Fuchsia, Gladiolus, Grape ivy, Hypoestes Ivy Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia Petunia, Philodendron Piggy-back plant Poinsettia, Portulaca, Pothos, Prayer plant, Purple passion, Rabbits foot fern, Rose, Schefflera, Snapdragon Snake plant Statice Velvet plant, Verbena, Zinnia	Aphids Armyworms Corn earworms, Exposed thrips, Fall cankerworms Inchworms, Japanese beetles, Leafminers Leafrollers Mealybugs, Scales, Spider mites Spring cankerworms Whiteflies	Contact and residual spray Use sufficient spray to obtain full coverage of all foliage Adjust spray volume used to plant size Spray directly on insects If application is to be made indoors remove infested plants from living areas prior to application Spray plants in an area not likely to be occupied by people or pets (particularly fish) When leaves dry, plants can be returned to original location Do not use more product than recommended, as this may cause some plant injury Use with care on ferns palms and fuchsia As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and therefore a wide variety of susceptibility to injury To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury Repeat applications may be necessary to control citrus blackflies on non-bearing citrus and adult Japanese beetles on roses	1 fl oz in 1 gallon of water
Chrysanthemums	Armyworms Cabbageworms Cutworms Leafrollers		
Velvet plants	Fungus gnats		

HOSE END SPRAYER Easy to Use For Application to Lawns, Outdoor Ornamentals, Outside Surfaces of Buildings, and Other Outdoor Residential Areas 32 oz Treats Up to 5,000 Square Feet

- 1 Make sure Knob is twisted fully clockwise to OFF position Shake well before attaching to hose
- 2 Turn Product Control Button clockwise until the flat portion is flush with the lock tab, then push button all the way in Avoid squeezing bottle
- 3 Turn water on at faucet, aim nozzle toward lawn and turn Knob counterclockwise to begin spraying
- 4 When finished push Product Control Button to OFF position from opposite side Return Knob and faucet to OFF position Discharge water pressure by turning Knob ON and OFF again Turn Product Control Button counterclockwise away from lock tab to prevent accidental discharge Store out of reach of children

(Alternate Hose End Sprayer Directions – Used in accordance with type of Hose End packaged) HOSE END SPRAYER Easy to Use For Application to Lawns, Outdoor Ornamentals, Outside Surfaces of Buildings, and Other Outdoor Residential Areas

32 oz Treats Up to 5,000 Square Feet

[Snap off tab on top of sprayer before first use] [Editor Note when using K1 hose end]

- 1 Make sure knob Control lever is in the OFF position Shake well and attach to hose
- 2 Turn water on at faucet, aim nozzle toward lawn and turn knob Control lever to ON to begin spraying
- 3 When finished turn Control lever to OFF position Turn faucet to OFF Position Discharge residual water pressure by turning ON and OFF again Store out of reach of children

(Alternate Hose End Sprayer Directions – Use in accordance with type of Hose End packaged) HOSE END SPRAYER Easy to Use For Application to Lawns, Outdoor Ornamentals, Outside Surfaces of Buildings, and Other Outdoor Residential Areas

32 oz Treats Up to 5,000 Square Feet

INSTRUCTIONS

- 1 Make sure [white] Water [Control] Valve [on top of bottle] is in the OFF or back position and the red Product Mixing Valve is [pointed] in the CLOSED or upright position
- 2 Shake the product well and firmly attach to garden hose
- 3 Turn water on at faucet and aim nozzle toward lawn To begin water flow, turn [white] Water Valve ON by pushing forward To begin spraying mixture, rotate [red] Product Mixing Valve OPEN by turning it ¼ of a turn counter clockwise
- 4 Walk at a steady pace spraying in a side to side arc slightly overlapping treated areas [Refer to graduated side of container to guide coverage]
- 5 To stop spraying, turn the [red] Product Mixing Valve to the CLOSED or upright position and return the [white] Water Valve to the OFF or back position
- 6 For product storage, both valves should be in the CLOSED/OFF position

(Editors Note The following two sets of alternate hose end sprayer directions are for specific customer packaging and used only be that customer on their final printed labels)

(Alternate Hose End Sprayer Directions – use in accordance with type of Hose End packaged) [FOR USE WITH THE Lock 'N Spray® SYSTEM

Lock 'N Spray makes lawn and garden care easy Simply attach this cartridge to the Lock 'N Spray sprayer (sold separately) Eliminates mixing, measuring and messy clean up Automatically mixes the right amount of product and water]

HOW TO USE THE Lock 'N Spray® SYSTEM	
CONNECT	Connect sprayer to hose
	Attach cartridge to sprayer Turn cartridge until it clicks into place
SPRAY	To begin spraying, rotate sprayer nozzle tip to direct spray up or down, or remove for a 20 to 25 ft jet spray Turn on water and squeeze trigger
FINISH	<ul style="list-style-type: none"> To stop spraying, release trigger, unlock cartridge and remove from sprayer (No need to turn off water)
	<ul style="list-style-type: none"> To clean sprayer, flush with water, squeezing and releasing trigger in 2 short bursts Turn off water
	<ul style="list-style-type: none"> To disconnect sprayer, relieve water pressure by squeezing trigger
Cartridge reseals itself automatically – No spills, no leaks!	

(Alternate Hose End Sprayer Directions – Use in accordance with type of hose End packaged) [HOW TO USE THE Ready-Spray® SYSTEM

CONNECT

- 1 Shake well before using
- 2 Connect sprayer to hose Be sure larger green ON/OFF switch located at hose end is set to "OFF"
- 3 Turn on water
- 4 Activate smaller green switch at sprayer opening to "OPEN" position (Coin or key may be needed to activate switch)

SPRAY

- 1 To begin spraying, point nozzle in the direction you want to spray
- 2 Turn larger green ON/OFF switch at hose end counterclockwise to on position
- 3 Spray evenly over measured area

FINISH

- 1 To stop spraying, turn larger green ON/OFF switch clockwise to "OFF"
- 2 Deactivate smaller green switch at sprayer opening to "CLOSED" position
- 3 Turn off water
- 4 Relieve water pressure by turning larger green ON/OFF switch counterclockwise to on position until water slows to a drip Then, turn same ON/OFF switch back to "OFF"
- 5 Disconnect sprayer from hose

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(Alternate Hose End Sprayer Directions – Use in accordance with type of Hose End packaged)

HOW TO USE Always keep nozzle pointed away from people and pets

- 1) Shake well before using Connect sprayer to hose Be sure the larger ON/OFF dial located at the hose end is set to “OFF” (tab is vertical when “OFF”)
- 2) Turn on water at faucet
- 3) Turn the smaller, star shaped button so that the flat side is aligned with the lock tab and push to the “OPEN” position
- 4) To begin spraying, turn the larger ON/OFF dial at the hose end counterclockwise to the “ON” position
- 5) To STOP spraying, turn the larger ON/OFF dial to the “OFF” position Push the star shaped button to the “CLOSED” position Twist the star shaped button so that the flat side is no longer aligned with the lock tab Turn water off at faucet To relieve pressure, turn the larger ON/OFF dial to the “ON” position then back to the “OFF” position Disconnect sprayer from hose

STORAGE AND DISPOSAL

PESTICIDE STORAGE Store in a cool, dry area away from heat or open flame

PESTICIDE DISPOSAL *If partly filled* – Call your local solid waste agency for disposal instructions
Never place unused product down any indoor or outdoor drain

CONTAINER DISPOSAL *If empty* – Nonrefillable container Do not reuse or refill this container
Place in trash or offer for recycling if available

NOTICE To the extent consistent with applicable law buyer assumes all responsibility for safety and use not in accordance with directions

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(Lot no added at production)